KOLAR Document ID: 1853099

Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31561
Name: Hoffman, Chris dba C & K Oil Company
Address 1: 410 B ST
Address 2: PO BOX 531
City: CLAFLIN State: KS Zip: 67525 + 0531
Contact Person: Chris Hoffman
Phone: (620) 7868744
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Jim Musgrove
Purchaser:

Designate Type of Completion:
☐ New Well ☑ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☑ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator: Sierra Petroleum Co. Inc
Well Name: Riemann #3
Original Comp. Date: 09/21/1974 Original Total Depth: 3295
☑ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☑ SWD Permit #: D-34,580
☐ EOR Permit #:
☐ GSW Permit #:

06/26/2025	06/28/2025	07/16/2025
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-009-20853-00-01
Spot Description:
W2 - SE - SW - SW Sec. 10 Twp. 17 S. R. 11 ☐ East ☑ West
330 Feet from ☐ North / ☑ South Line of Section
892 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: (e.g. xx.xxxxx) , Long: (e.g. -xxx.xxxxx)
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: RIEMANN B Well #: 3 SWD
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1843 Kelly Bushing: 1853
Total Vertical Depth: 3578 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 244 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 747 Feet
If Alternate II completion, cement circulated from: 747
feet depth to: 0 w/ 120 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: C&K Oil
Lease Name: Willenberg License #: 31561
Quarter NW Sec. 27 Twp. 16 S. R. 11 ☐ East ☑ West
County: Barton Permit #: D-14993

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY
☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☐ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☑ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Alexis Vincent **Date:** 07/22/2025

Page Two

Operator Name: Hoffman, Chris dba C & K Oil Company Lease Name: RIEMANN B Well #: 3 SWD

Sec. 10 Twp. 17 S. R. 11 ☐ East ☑ West County: Barton

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☐ Yes	☑ No
Geologist Report / Mud Logs	☑ Yes	☐ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Arbuckle	3290	-1443
Reagan Sand	3535	-1682
Granite	3557	-1704
DDTD	3578	-1725

CASING RECORD ☐ New ☑ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	244	Common	150	3%CC2%gel
Production	7.875	5.5	15.5	3345	Common	180	10%salt

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ☐ Perforate ☑ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
0-747	60/40	120	4%gel4%flowseal
-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/ Injection: 07/17/2025

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☑ Other *(Explain)* SWD

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION: ☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
3345	3578

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
0	3345	3578			1500 gallons 28% HCL acid

TUBING RECORD: Size: 2.875 Set At: 3303 Packer At: 3303

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Hoffman, Chris dba C & K Oil Company
Well Name	RIEMANN B 3 SWD
Doc ID	1853099

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	244	Common	150	3%CC2% gel
Production	7.875	5.5	15.5	3345	Common	180	10%salt

OPERATOR

Company:	Hoffman, Chris dba C _K Oil Company		
Address:	410 B St PO Box 531 Claflin, KS 67525		
Contact Geologist:	Jim Musgrove		
Contact Phone Nbr:	620-786-0839		
Well Name:	Riemann B #3 SWD		
Location:	10-17s-11w W2-SE-SW-SW		
API:	15-009-20853-00-01		
Pool:		Field:	Kraft-Prusa
State:	Kansas	Country:	USA

Scale 1:240 Imperial

Well Name:	Riemann B #3 SWD		
Surface Location:	10-17s-11w W2-SE-SW-SW		
Bottom Location:			
API:	15-009-20853-00-01		
License Number:	31561		
Spud Date:	6/26/2025	Time:	12:00 AM
Region:	Barton		
Drilling Completed:	6/28/2025	Time:	12:00 AM
Surface Coordinates:	330' FSL & 892' FWL		
Bottom Hole Coordinates:			
Ground Elevation:	1843.00ft		
K.B. Elevation:	1853.00ft		
Logged Interval:	0.00ft	To:	0.00ft
Total Depth:	0.00ft		
Formation:	Arbuckle		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

CASING SUMMARY

	Surface	Intermediate	Main
Bit Size			
Hole Size			

	Size	Set At	Type	# of Joints	Drilled Out At
Surf Casing	8 5/8" in	244' ft			
Int Casing					
Prod Casing	5 1/2" in	3345' ft			

CASING SEQUENCE

Type	Hole Size	Casing Size	At
	0.00 in	0.00	0.00 ft

OPEN HOLE LOGS

Logging Company:			
Logging Engineer:			
Truck #:			
Logging Date:		Time Spent:	
# Logs Run:	0	# Logs Run Successful:	0

LOGS RUN

Tool	Logged Interval	Logged Interval	Hours	Remarks	Run #
	0.00ft	0.00ft	0.00		0

LOGGING OPERATION SUMMARY

Date	From	To	Description Of Operation
12/5/2007	0.00ft	0.00ft	

SURFACE CO-ORDINATES

Well Type:	Vertical		
Longitude:			
Latitude:			
N/S Co-ord:	330' FSL		

N/S Co-ord: 330' FSL
E/W Co-ord: 892' FWL

LOGGED BY

Musgrove Petroleum Geology
212 Main Street, Claflin KS

Company: James C Musgrove Petroleum LLC
Address: 212 Main Street/PO Box 215
Claflin, KS 67525

Phone Nbr: 620-588-4250 620-786-0839
Logged By: KLG #307 Name: James C Musgrove

CONTRACTOR

Contractor: Southwind Drilling Inc.
Rig #: 1
Rig Type: mud rotary
Spud Date: 6/26/2025 Time: 12:00 AM
TD Date: 6/28/2025 Time: 12:00 AM
Rig Release: Time:

ELEVATIONS

K.B. Elevation: 1853.00ft Ground Elevation: 1843.00ft
K.B. to Ground: 10.00ft

NOTES

Remarks:

5 1/2" disposal casing was set and cemented at 3345.

Respectfully Submitted,

James C. Musgrove
Petroleum Geologist

ROCK TYPES

Cht, Dolprim, Dolsec, shale, grn, shale, gry, shale, red, Shcol, Ss, Igne, Meta

ACCESSORIES

MINERAL
Sandy

OTHER SYMBOLS

Oil Show
Good Show
Fair Show
Poor Show
Spotted or Trace
Questionable Stn
Dead Oil Stn
Fluorescence

DST
DST Int
DST alt
Core
tail pipe

☀ Gas

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

Curve Track #1
ROP (min/ft)
Gamma (API)
Cal (in)
1:240 Imperial

Depth | Intervals
Cored Interval
DST Interval

DST

Lithology

Oil Show

Geological Descriptions

TG, C1 - C5
Total Gas (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
C5 (units)
1:240 Imperial

0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16

0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
0 C5 (units) 100

FORMATION	SAMPLE	SUBSEA
HEEBNER	2895	-1048
BROWN LIME	2998	-1151
LANSING	3014	-1167
ARBUCKLE	3290	-1443
OLD RTD	3295	-1448
REAGAN SAND	3535	-1682
PRE-CAMBRIAN GRANITE	3557	-1704
DDTD(NEW)	3578	-1725

OLD RTD 3295

3260

3280

3300

Dolomite,white,cream,medium crystalline,fair intercrystalline porosity,brown stain, fair show of free oil and fair to good odor

3320

as above, decreasing stain and show with Chert,gray,boney,and white Chalk

Dolomite,white,cream,medium and coarse crystalline,fair intercrystalline porosity,brown stain, show of free oil and faint odor

3340

Shale,gray,brown,green, soft,sandy

Dolomite,as above, with pyrite inclusions

3360

Dolomite, as abve, fair to good intercrystalline to vuggy type porosity

3380

Dolomite,white,gray,pink,fine and medium crystalline,few coarse crystalline,fair porosity,spotted brown stain, trace of free oil questionable odor, with chlorite inclusions

3400

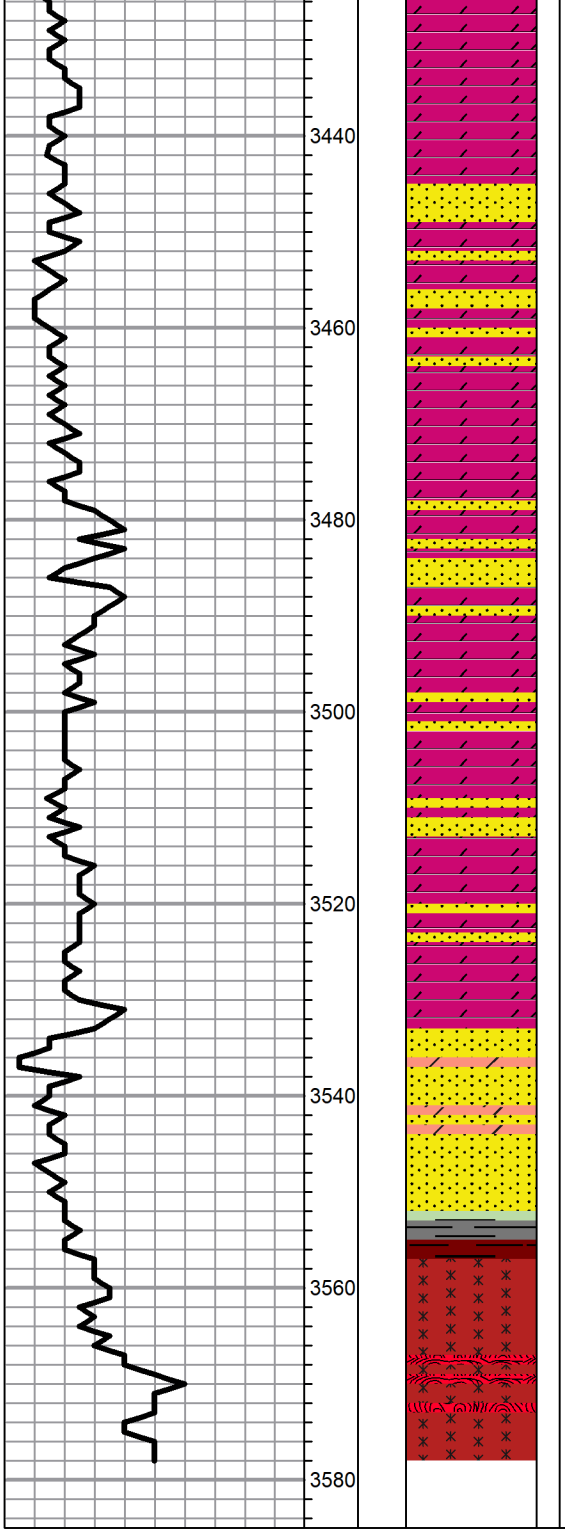
0 ROP (min/ft) 10
0 Gamma (API) 150
6 Cal (in) 16

0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
0 C5 (units) 100

Dolomite,white,gray, fine and medium crystalline,sandy with white Chalk

3420

Dolomite,white,cream,gray,medium and coarse crystalline,fair intercrystalline to vuggy type porosity..no shows



as above,with pyrite inclusions and glauconite

Dolomite,white,cream,fine and medium crystalline,sandy

Sand,tan,vfg,sub-rounded,with Dolomite,white,cream,medium crystalline,fair porosity

Dolomite as above

Sand,white,quartzitic,sub-rounded,glauconitic

Dolomite,white,cream,sandy

ditto as above

as above

REAGAN SAND 3535

Sand,white,clear,vfg,quartztic,few dolomitic,sub rounded and sub angular, fair sorting,with loose unconsolidated quartz grains

Shale,brown,maroon,green ,soft

PRE-CAMBRIAN GRANITE 3557

Feldspar,peach,salmon,orange weathered, wth Quartz, angluar,with chlorite (??) inclusions and micas

ROTARTY TOTAL DEPTH 3578(-1725)

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071 **Home Office P.O. Box 32 Russell, KS 67665** **No.** 4482

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-28-25	10	17	11	BARTON	KS		10:00Am

Location Claflins to 150 Rd

Lease Riemann B Well No. 3 SWD Owner

Contractor Southwind

Type Job Long String

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size 7 7/8 T.D. 3578

Charge To C & K Oil Co.

Csg. 5 1/2 Depth

Street

Tbg. Size Depth

City State

Tool Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 42.60 Shoe Joint 42.60

Cement Amount Ordered 180sk Com 10% Salt 5# Gil 500 gal Flush

Meas Line Displace 78.59

EQUIPMENT

Pumptrk 5	No.	Cementer	Bill
		Helper	
Bulktrk 14	No.	Driver	Joe
		Driver	
Bulktrk [redacted]	No.	Driver	
		Driver	Justin

JOB SERVICES & REMARKS

Remarks:

Rat Hole 30

Mouse Hole 15

Centralizers

Baskets

D/V or Port Collar

Pipe set @ 3345
Shoe Jt 42.60
Insert 3302.40 open Tool
pump 500 gal Flush
Cemt w/ 135 sk
pump plug w/ 78.59
Land plug @

Common 180

Poz. Mix

Gel.

Calcium

Hulls

Salt 13

Flowseal

Kol-Seal 750#

Mud CLR 48 500 Gal

CFL-117 or CD110 CAF 38

Sand

Handling 200

Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer 9

Baskets 4

AFU Inserts

Float Shoe - 1

Latch Down - 1

Triplex - 1
P.C. - 1

Pumptrk Charge Prod String

Mileage 40

Thanks

Tax

Discount

Total Charge

X
Signature

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071 **Home Office P.O. Box 32 Russell, KS 67665** **No.** 4522
Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-14-25	10	12	11	Barton	KS		

Location Claflin 4 N, 3 1/2 E, N into

Lease Riemann B | Well No. 3 SWD | Owner

Contractor PFLUGHOFT

Type Job

To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size | T.D.

Charge To C & K Oil Co

Csg. 5 1/2 | Depth | Street

Tbg. Size 2" | Depth | City | State

Tool | Depth

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. | Shoe Joint

Cement Amount Ordered 200 60/40 4% 1/4 Flo

Meas Line | Displace

EQUIPMENT

	No.		
Pumptrk		Cementer	
		Helper 18	Dave
Bulktrk	No.	Driver	
		Driver 14	Cory
Bulktrk	No.	Driver	
		Driver	Bryant

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

pressured up BS
opened port collar
mixed @ 400# gel
followed by 120 sx cement
closed the tool, ran 5 joints
washed clean.

used 120 sk 6 gel

Common	70
Poz. Mix	50
Gel.	4
Calcium	
Hulls	
Salt	
Flowseal	50 #
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	200
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge Port Collar JOB

Mileage 40

Thanks

Tax

Discount

Total Charge

X
Signature